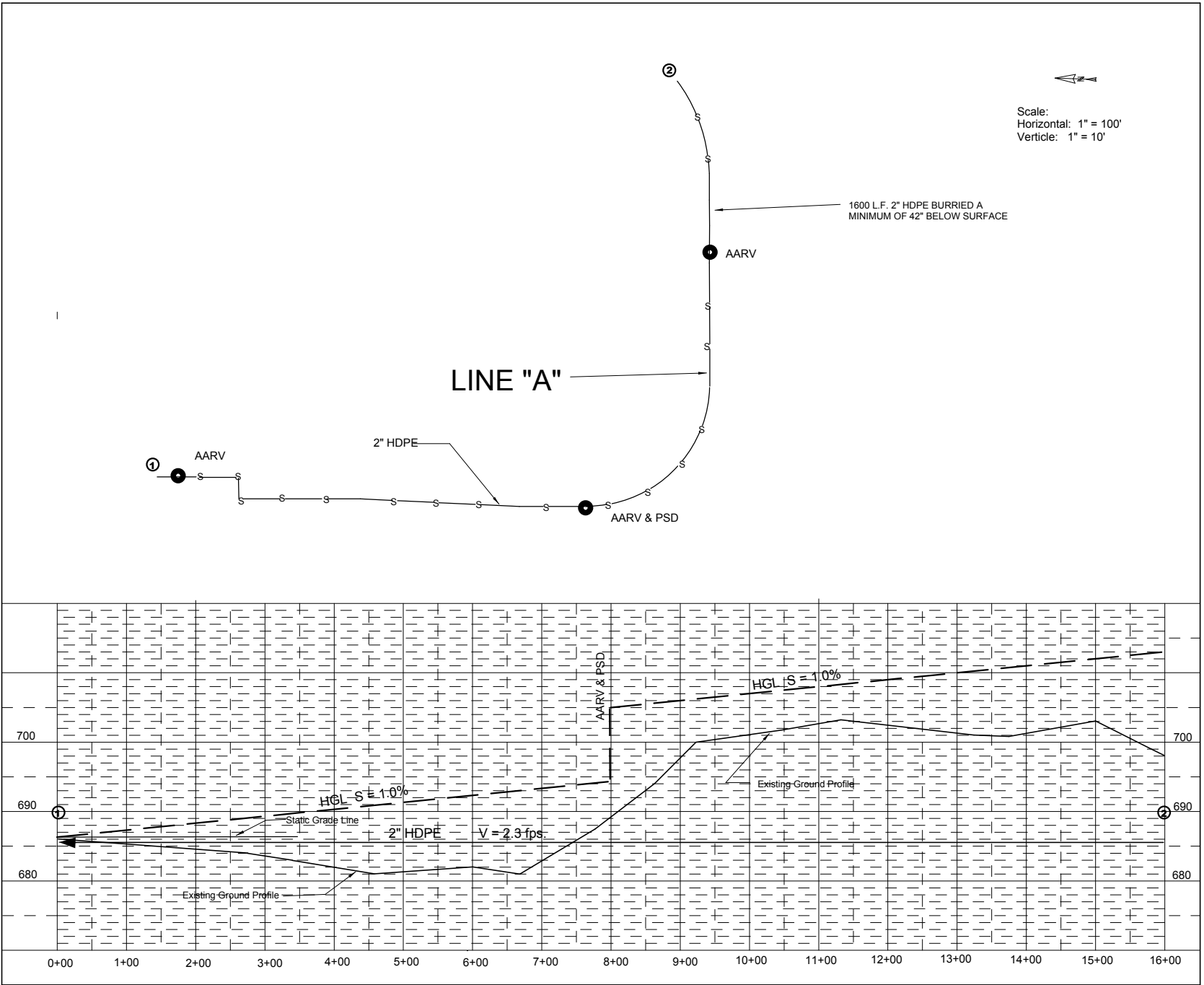
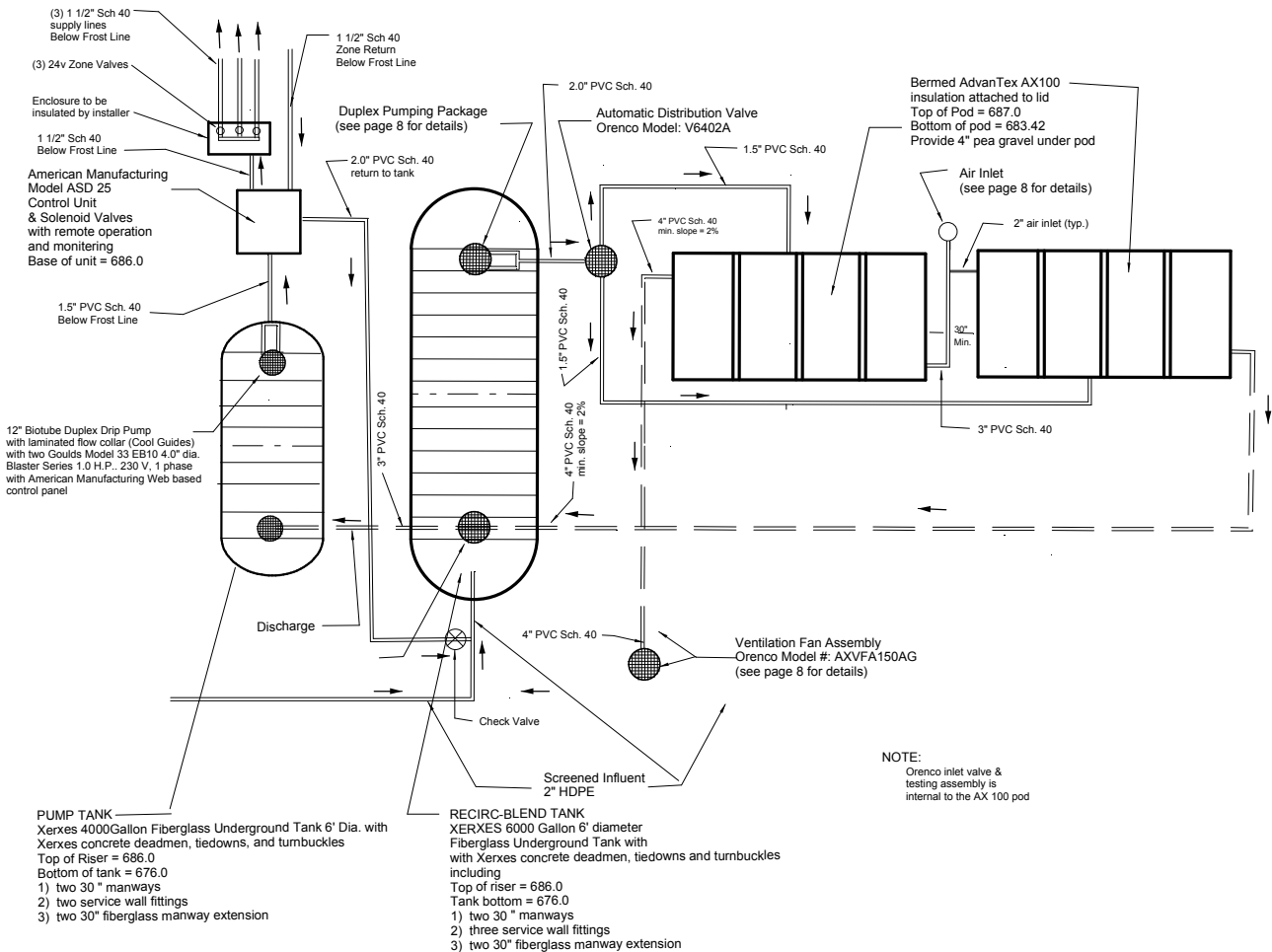


SYSTEM ELEVATIONS:

TOP OF AX100 POD = 687.0
BOTTOM OF AX100 POD = 683.42
MODEL ASD 25 CONTROL UNIT BASE = 686.0
RECIRC-BLEND TANK TOP OF RISER = 686.0
RECIRC-BLEND TANK BOTTOM OF TANK = 676.0
RECIRC-BLEND TANK TOP OF TANK = 682.0
TOP OF RSV4U = 679.92
DISTRUBUTING VALVE = 682.5
PUMP TANK TOP OF RISER = 686.0
PUMP TANK BOTTOM OF TANK 676.0

TANK SIZE CALCULATIONS

Number of lots = 9
EDU flow = 250 gallons per lot
Total flow = 250 x 9 = 2250 gallons
Recirculation tank = 2 times EDU flow = 4500 gallons
Use 6000 gallon tank
Pump tank = 3/4 day peak design flow between dose enable
and high level = 1687 gallons
Use 4000 gallon tank



TOOM = CUSTOM TELEMETRY W/ DEDICATED PHONE LINE
DASDAAS = DOWER ALTERNATING FOR RECIRCULATION BLEND
TANK AND DISPOSAL TANK 220V
PT = PROGRAMMABLE TANK
RD = RESONANT OFFLOW LEVEL ALARM
CS = CURRENT SENSOR
HT = ANTI-CONDENSATION HEATER
SA = SURGE ARRESTOR
FS = FAN SENSOR
GFI = GROUND FAULT INTERRUPTOR



ARTHUR R. OLSON & CO.

965 WESTSHORE DRIVE
FOX LAKE, IL. 60020
(847) 651-1150

EASTGATE ESTATES
LAKE COUNTY, ILLINOIS

AX100 MEDIA FILTER LAYOUT &
EFFLUENT LINE HYDRAULIC GRADE LINES

DATE	BY	NO.	REVISION	DATE: 12/10/2005
1/23			American Manufacturing	SHEET 7 OF 11
12/18			LCHD	
5/01			LCHD	
4/20			Land Plan Changes	